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U. S. DEPT. OF AGRICULTURE
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APR 23 1965

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
UTAH

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,
and
STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah Agricultural Experiment Station,
U.S. National Park Service, U.S. Geological Survey; and other
Federal, State, and private organizations.

||||||| AS OF |||||
APR. 1, 1965

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Soil Conservation Service, 511 N.W. Broadway - Room 507, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

<u>REPORTS</u>	<u>ISSUED</u>	<u>LOCATION</u>	<u>COOPERATING WITH</u>
RIVER BASINS			
WESTERN UNITED STATES _____	MONTHLY (FEB.-MAY) _____	PORTLAND, OREGON _____	ALL COOPERATORS
BASIC DATA SUMMARY _____	OCTOBER 1 _____	PORTLAND, OREGON _____	ALL COOPERATORS
STATES			
ALASKA _____	MONTHLY (MAR.-MAY) _____	PALMER, ALASKA _____	ALASKA S.C.D.
ARIZONA _____	SEMI-MONTHLY (JAN. 15 - APR. 1) _____	PHOENIX, ARIZONA _____	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO _____	MONTHLY (FEB.-MAY) _____	FORT COLLINS, COLORADO _____	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO _____	MONTHLY (JAN.-JUNE) _____	BOISE, IDAHO _____	IDAHO STATE RECLAMATION ENGINEER
MONTANA _____	MONTHLY (JAN.-JUNE) _____	BOZEMAN, MONTANA _____	MONT. AGR. EXP. STATION
NEVADA _____	MONTHLY (JAN.-MAY) _____	RENO, NEVADA _____	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
OREGON _____	MONTHLY (JAN.-JUNE) _____	PORTLAND, OREGON _____	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH _____	MONTHLY (JAN.-JUNE) _____	SALT LAKE CITY, UTAH _____	UTAH STATE ENGINEER
WASHINGTON _____	MONTHLY (FEB.-JUNE) _____	SPOKANE, WASHINGTON _____	WN. STATE DEPT. OF CONSERVATION
WYOMING _____	MONTHLY (FEB.-JUNE) _____	CASPER, WYOMING _____	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

<u>REPORTS</u>	<u>ISSUED</u>	<u>AGENCY</u>
BRITISH COLUMBIA _____	MONTHLY (FEB.-JUNE) _____	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA _____	MONTHLY (FEB.-MAY) _____	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
UTAH

APRIL 1, 1965

Report prepared by

GREGORY L. PEARSON - GARRY DINSDALE

and

Patricia Paramore

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

Issued by

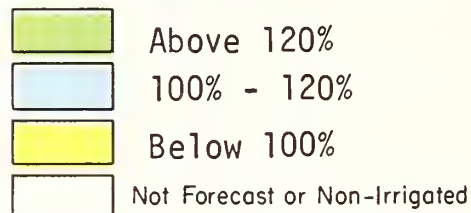
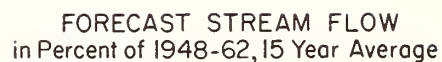
WAYNE D. CRIDDLE
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SALT LAKE CITY, UTAH

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SALT LAKE CITY, UTAH

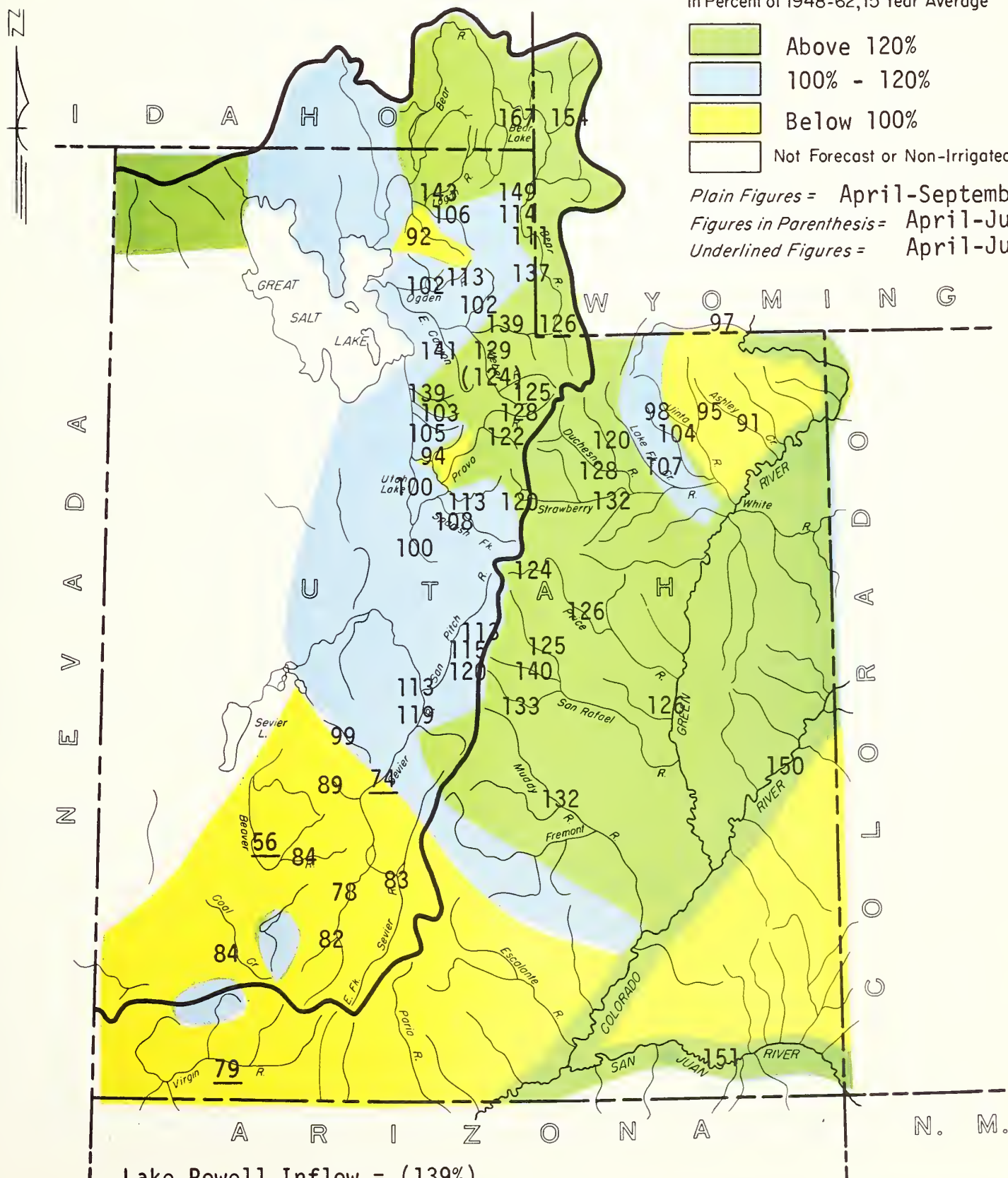
DR. D.W. THORNE
DIRECTOR
UTAH AGRICULTURAL
EXPERIMENT STATION
LOGAN, UTAH

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

Approximate Date



Underlined Figures = April-June



Lake Powell Inflow = (139%)

Flaming Gorge Inflow = (122%)

Section 1

The first part of the report discusses the general situation of the project. It mentions that the project is progressing well and that the team is working hard to complete the tasks on time. It also mentions that the project is facing some challenges, but the team is confident that they can overcome them.

The second part of the report discusses the specific tasks that have been completed. It mentions that the team has successfully completed the design phase and that they are now working on the implementation phase. It also mentions that the team has received feedback from the client and that they are incorporating it into their work.

The third part of the report discusses the future plans for the project. It mentions that the team is planning to complete the implementation phase by the end of the month and that they are planning to start the testing phase in the next month. It also mentions that the team is planning to meet with the client to discuss the results of the testing phase.

WATER SUPPLY OUTLOOK

as of

APRIL 5, 1965

* * * * *

* In most of southern Utah the water outlook for this *
* summer is now fair to good, while in central and *
* northern areas it remains good to excellent. Storage *
* in the reservoirs of southern and eastern Utah is *
* 104% of last year and 59% of average. In central *
* and northern reservoirs it is 133% of last year and *
* 99% of average. *

* * * * *

Although March weather generally lowered streamflow forecasts throughout most of the state, it improved the outlook for the East Fork of the Sevier, the Escalante and Paria rivers. A month ago these streams had the poorest outlook of any section in the state, but now can expect water supplies to be near 80% to 85% of average. March snowfall on these watersheds and Salina Creek, as well as on the Fremont river ranged from about 5% to 25% above average.

On Parowan Creek and near Enterprise the month's snowfall was near 50% above average, but on most other southern watersheds was near three fourths to average amounts. Parowan Creek, where about 120% of average streamflow is expected, stands out in sharp contrast to the rest of southern Utah. The smaller streams in the New Harmony to Newcastle area should yield about average to 5% above average flows. Forecasts range from about 75% to 90% for the Beaver, Virgin and Santa Clara rivers, the Sevier in the Richfield, Circleville and Panguitch areas and Coal Creek near Cedar City. Also included are the streams in southeastern areas near Moab, Monticello and Blanding. Forecast inflow to the Sevier river from Vermillion Dam to Gunnison is 119%, to Sevier Bridge reservoir 113%. Streams near Fillmore should yield essentially average flows.

About 10% to 25% above average streamflow is expected from streams coming from Monroe Mountain, inflow to Koosharem reservoir, the Fremont and Price rivers, streams tributary to the San Pitch river and Huntington Creek. Higher streamflow is expected from Cottonwood, Ferron and Muddy Creeks in Emery County, and from Salina Creeks. Forecasts for these streams range from 130% to 140% of average.

At Gooseberry Ranger Station and Farnsworth Lake on the southern tributaries to Salina Creek the snowpack is 141% of average, with the snow courses showing new record high readings. However, the newer courses established a year ago on the main Salina Creek drainage to the north indicate that the snowpack there is much lower, probably near 125%.

Snowfall in the mountains of northern and eastern Utah was not as favorable as in central and southern areas. Mountain precipitation varied from near 20% to 85% of average on watersheds from the Provo area northward to the Idaho line and on the northern Uintah Basin streams. As a result, forecasts for these streams have been dropped from about 5% to 35% lower than expected the first of March. In the Uintah Basin forecasts now range from 91% on Ashley Creek near Vernal to 132% on the Strawberry river near Duchesne. For the streams tributary to Utah Lake, fore-

WATER SUPPLY OUTLOOK (continued)

casts vary from 94% on the American Fork river to 122% for the Provo river at Vivian Park. Net inflow to Utah Lake for the April-September period is expected to be 282,000 acre feet which is just average. Inflow to Strawberry reservoir during the same period is forecast at 60,000 acre feet, or 120% of average.

Near Salt Lake, Big Cottonwood Creek is forecast at 3% above average, Little Cottonwood Creek at 5% above average. The forecast for Parley's Creek is 139%. While this is still well above average, it is down considerably from the 165% forecast last month. Streams near Tooele should yield 5% to 10% above average, while near Farmington they will yield about 10% to 20% above average. East Canyon Creek near Morgan and Chalk Creek at Coalville are also high, with forecasts of 141% and 139%, respectively. Forecasts for the Weber at Oakley and Coalville are 125% and 129%. On the Bear river, forecasts are 126% at the Utah-Wyoming State line south of Evanston, 137% near Woodruff and 149% near Randolph.

Inflow to Pineview reservoir on the Ogden river and flow of Lost Creek near Morgan are both expected to be 2% above average. Forecasts range from about 5% to 15% above average for the South Fork Ogden river near Huntsville, the Blacksmith Fork near Hyrum and the smaller streams near Woodruff and Randolph. The Little Bear river in Cache Valley is forecast at 92%. The Logan river, with a forecast of 143% is still expected to have a flow which will be among the highest two or three of the last 40 years.

The cold temperatures experienced during March had the effect of preventing a normal amount of snowmelt from the lower elevation snowpack. While this was beneficial for watersheds such as the Little Bear river in Cache Valley, it prevented as much decrease in the high water potential for other streams in northern Utah, as would otherwise have been expected considering the dryness of the month.

Those streams in central and northern areas where forecasts range from about 120% to 145% of average can expect some minor high water damage, particularly on streams not controlled by reservoir regulation. The amount of damage will depend mostly on temperature sequences from now until after the streams reach their peak. The lower elevation watersheds generally peak during late April or early May, intermediate elevation watersheds during May, while the higher watersheds wait until late May or early June.

Highest peaks are caused by cold temperatures until near the middle of the normal time for the stream to peak, followed by sustained above average temperatures during the latter part of the period.

UTAH STREAMFLOW FORECASTS ^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
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GREAT BASIN

BEAR RIVER SYSTEM

Bear at Harer, Idaho	430	Apr-Sept	289	258	167
Bear nr Randolph	140	Apr-Sept	107	94	149
Bear nr Ut-Wyo State Line	145	Apr-Sept	123	115	126
Bear nr Woodruff	160	Apr-Sept	148	117	137
Big Crk nr Randolph, Utah	9.8	Apr-Sept	3.9	8.6*	114
Blacksmith Fork nr Hyrum (4)	67	Apr-Sept	49	63	106
Little Bear nr Paradise	39	Apr-Sept	42	42	92
Logan nr Logan (3)	190	Apr-Sept	123	133	143
Smith's Fork nr Border, Wyoming	173	Apr-Sept	123	112	154
Woodruff Crk nr Woodruff, Utah	19.5	Apr-Sept	15.8	17.6*	111

WEBER-OGDEN RIVERS

Chalk Crk at Coalville	50	Apr-Sept	42	36	139
East Canyon Crk nr Morgan (7)	36	Apr-Sept	26.2	25.6	141
Lost Crk nr Croydon, Utah	18.5	Apr-Sept	15.5	18.1	102
Pineview Reservoir Inflow (8)	132	Mar-July	115	129	102
So Fork Ogden nr Huntsville	70	Apr-Sept	67	62	113
Wanship Reservoir Inflow (5)	145	Apr-July	137	117*	124
Weber nr Coalville (6)	165	Apr-Sept		128	129
Weber nr Oakley	124	Apr-June	105	100	124
	154	Apr-Sept	136	123	125

PROVO RIVER & UTAH LAKE

American Fork nr American Fork	31	Apr-Sept	33	33	94
Hobble Crk nr Springville	24	Apr-Sept	17.6	21.2	113
Payson Creek nr Payson	7.3	Apr-Sept	--	7.3	100
Provo nr Hailstone (10)	140	Apr-Sept		109*	128
Provo at Vivian Park (11)	175	Apr-Sept	- -	144	122
Spanish Fork at Thistle	43	Apr-Sept		40	108
Strawberry Reservoir Inflow (9)	60	Apr-Sept	52	50	120
Utah Lake Inflow	282	Apr-Sept	333	282	100

JORDAN RIVER & SALT LAKE

Big Cottonwood nr SLC	40	Apr-Sept	43	39	103
Little Cottonwood Crk nr SLC	40	Apr-Sept	41	38	105
Parley's Crk nr SLC	18.5	Apr-Sept	16.2	13.3	139

(1) Measured flow plus change in storage in Woodruff Narrows Reservoir. (2) Measured flow plus change in storage in Porcupine Reservoir. (3) Includes U.P. & L. Co. tailrace and Logan, Hyde Park & Smithfield Canal. (4) Above Utah Power & Light Company's dam. (5) Observed flow Weber River near Wanship, Utah, plus change in storage in Wanship Reservoir, plus diversion by Weber-Provo Canal. (6) Includes diversion by Weber-Provo Canal and change in storage in Wanship Reservoir. (7) Observed flow plus change in storage in East Canyon Reservoir. (8) Inflow record as computed by U.S. Bureau of Reclamation. (9) Change in storage plus diversion thru Strawberry tunnel. (10) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal. (11) Observed flow plus change in storage in Deer Creek reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal, plus diversion thru Salt Lake Aqueduct.

UTAH STREAMFLOW FORECASTS ^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
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SEVIER RIVER

Chalk Creek nr Fillmore	16.5	Apr-Sept	18.5	16.7	99
Clear Crk nr Sevier (abv.Div.)	11.5	Apr-June	13.5	12.9*	89
East Fork Sevier nr Kingston (12)	12	Apr-June	14.1	15.8	76
	16.5	Apr-Sept	17.5	19.8	83

Inflow

Kingston to Vermillion Dam	29	Apr-June		39	74
Vermillion Dam to Gunnison	70	Mar June		59	119
Salina Crk at Salina (14)	16	Apr-June	5.4	8.3*	193
Sevier nr Circleville	31	Apr-Sept	24.1	40*	78
Sevier nr Gunnison a	62	Apr-Sept	32	55	113
Sevier at Hatch	25	Apr-June	25.4	32	78
	37	Apr-Sept	35	45	82
Sevier nr Kingston	12.5	Apr-June	10.5	21.0	60
	16	Apr-Sept	11.9	25.5	63
Sevier below Piute Dam (13)	33	Apr-Sept	26.4	45	73

SAN PITCH RIVER

Ephraim Creek nr Ephraim	18.2	Apr-Sept		15.2	120
Pleasant Crk nr Mt. Pleasant	11	Apr-Sept		9.7*	113
Twin Crk nr Mt. Pleasant	5.4	Apr-Sept		4.7*	115

BEAVER RIVER

Beaver nr Beaver	15	Apr-June	14.4	18.0	83
	20.5	Apr-Sept	20.5	24.3	84
Rockyford Reservoir Inflow(15)	4.4	Apr-June		7.8	56

COAL CREEK

Coal Crk nr Cedar City	13.5	Apr-Sept		16.0	84
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COLORADO RIVER BASIN

GREEN RIVER TRIBUTARIES IN UTAH

FLAMING GORGE TO DUCHESNE RIVER

Ashley Creek nr Vernal	51	Apr-Sept	54	56	91
Henry's Fork at Linwood	33	Apr-Sept		34	97

(12) Observed flow plus change in storage in Otter Creek Reservoir. (13) Observed flow plus change in storage in Otter Crk & Piute Reservoirs. (14) Gage is below diversions near Salina. (15) Observed flow at Rockyford Dam, corrected for change in storage in Rockyford Reservoir. (16) Observed flow plus diversion through Duchesne Tunnel.

UTAH STREAMFLOW FORECASTS ^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
<u>DUCHESNE RIVER</u>					
Duchesne at Provo River (Trail nr Hanna)	50	Apr-Sept	- -	35*	143
Duchesne nr Tabiona (16)	146	Apr-Sept	123	114	128
Lakefork below Moon Lake (17)	77	Apr-Sept	86	72	107
Rock Crk nr Mtn. Home	122	Apr-Sept	118	102	120
Strawberry at Duchesne	95	Apr-Sept	58	72	132
Uinta nr Neola	93	Apr-Sept	126	95	98
Whiterocks nr Whiterocks	60	Apr-Sept	73	63	95
Yellowstone nr Altonah	76	Apr-Sept	89	73	104
<u>PRICE RIVER</u>					
Gooseberry Crk nr Scofield	13.8	Apr-Sept	11.6	11.9	116
Price nr Heiner (18)	86	Apr-Sept	48	68	126
Scofield Reservoir Inflow (18)	46	Apr-Sept	33	37	124
<u>SAN RAFAEL RIVER</u>					
Cottonwood Crk nr Orangeville	77	Apr-Sept	45	55	140
Ferron Crk nr Ferron	56	Apr-Sept	33	42	133
Huntington Crk nr Huntington	70	Apr-Sept	46	56	125
<u>MUDDY RIVER</u>					
Muddy Creek nr Emery	30	Apr-Sept	18.2	22.8*	132
<u>VIRGIN RIVER</u>					
Virgin nr Virgin	34	Apr-June	37	43	79
<u>UPPER COLORADO BASIN</u>					
Colorado nr Cisco, Utah	5,700	Apr-Sept	2525	3789	150
Flaming Gorge Inflow (19)	1,380	Apr-July	1180	1129	122
Lake Powell Inflow (8)	10,700	Apr-July	5483	7692	139
Green at Green River, Utah (19)	4,250	Apr-Sept	2875	3368	126
San Juan nr Bluff, Utah (20)	1,775	Apr-Sept	644	1172	151

(17) Observed flow plus change in storage in Moon Lake Reservoir. (18) Observed flow plus change in storage in Scofield Reservoir. (19) Observed flow plus change in storage in Flaming Gorge and Big Sandy Reservoirs. (20) Observed flow plus change in storage in Navajo Reservoir. (21) Observed flow at Lee's Ferry plus change in storage in Flaming Gorge, Navajo, Lake Powell and Big Sandy.

GENERAL FOOTNOTES

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U.S. Geological Survey. (b) 1948-62, 15 year period. *Partly estimated.



RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH)		
			THIS YEAR	LAST YEAR	AVERAGE ^a

GREAT BASIN

<u>Bear River</u>	Bear Lake	1421.0	948.0	745.3	920.0
	Woodruff Narrows	26.5	18.9	17.0	- -
<u>Beaver River</u>	Rocky Ford	23.3	9.4	8.2	14.0
<u>Little Bear</u>	Hyrum	15.3	6.7	12.1	12.3
	Porcupine	11.3	4.0	- -	- -
<u>Ogden</u>	Pineview	110.0	62.0	44.0	12.7
<u>Provo</u>	Deer Creek	149.7	92.1	98.8	94.6
<u>Sevier River</u>	Otter Creek	52.5	21.9	20.9	32.4
	Piute	74.0	29.2	24.8	45.4
	Sevier Bridge	236.1	60.0	55.7	124.4
<u>Spanish Fork</u>	Strawberry	270.0	66.6	57.0	138.5
<u>Utah Lake</u>	Utah Lake (b)	1149.0	492.0	330.5	627.3
<u>Weber</u>	East Canyon	28.7	0.0	19.9	14.7
	Echo	73.9	46.1	43.4	35.3
	Rockport	60.9	33.5	25.6	- -
	Willard Bay	215.0	85.2	- -	- -

COLORADO RIVER DRAINAGE

<u>Ashley Creek</u>	Steinaker	33.3	16.6	10.6	- -
<u>Colorado</u>	Lake Powell	27,000.0*	6,222.0	3,002.0	- -
<u>Green</u>	Flaming Gorge	3,789.0*	669.3	872.3	- -
<u>Lake Fork</u>	Moon Lake	35.8	12.9	22.0	16.2
<u>Price River</u>	Scofield	65.8	15.2	11.5	21.2
<u>San Juan</u>	Navajo	1,709.0*	254.2	331.3	- -

All data contained in this table supplied by the U.S. Geological Survey.

(a) 1948-62 average. (b) Active capacity taken at 3.1 feet above compromise point. (c) Partly estimated.
(d) Total capacity reported.

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGE	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE *
Bear River South of Evanston, Wyo.	4	148	126
Smith's Fork - Bear River (Wyo)	5	135	136
Emigration Creek (Idaho)	2	121	120
Strawberry-Mink Creeks (Ida)	3	121	119
Cub River (Ida)	3	93	97
Logan River	6	148	133
Blacksmith Fork-Little Bear	5	118	103
Malad River (Idaho)	2	66	106
Ogden River	5	111	101
Weber River above Echo Dam	8	145	120
Chalk Creek - Coalville	3	141	130
East Canyon Creek	3	131	116
Farmington Creek	2	142	117
Salt Lake Area	4	131	116
Tooele Area	3	100	106
American Fork River	3	147	90
Provo River above Vivian Park	6	159	120
Strawberry Reservoir Valley	3	140	111
Hobble Creek	2	110	110
Spanish Fork River	5	128	118
Mt. Nebo Area	2	98	98
Sevier River above Panguitch	6	154	86
East Fork Sevier River	5	162	92
Clear Creek above Sevier	1	109	101
Salina Creek	2	134	141
Mt. Pleasant Area	3	137	107
Ephraim Area	2	164	118
Manti Area	2	142	105
Mayfield Area	2	154	105
Chicken Creek-Levan	1	138	117
Chalk Creek - Fillmore	3	105	98
Beaver River	3	195	94
Parowan Creek	3	161	129
Coal Creek - Cedar City	4	154	98
New Harmony - Newcastle	1	152	146

COLORADO RIVER BASIN IN UTAH

Duchesne River above Tabiona	3	170	126
Strawberry River	4	184	124
Lakefork River	3	202	110
Whiterocks - Uintah Rivers	3	171	79
Ashley - Brush Creeks	4	175	82
Price River	8	176	127
San Rafael Tributaries	7	218	133
Muddy River	2	282	102
Fremont River	4	221	116
Escalante River	3	159	88
Virgin River	4	153	91
LaSal Mtns. near Moab	2	200	96
Blue Mtns. nr Monticello	2	228	101

* Actual or Estimated 1948-62, 15 year Average.



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

GREAT BASIN DRAINAGE

UPPER BEAR RIVER

(Above Harer, Idaho)

Big Park	10G11	8700	4/3	71	29.2	19.2	21.1*
Burts-Miller Ranch	10J6	7900	3/26	30	8.9	6.4	6.6*
CCC Camp x	10G7	7500	3/30	50	16.6	13.5	12.0
Hayden Fork	10J7	9300	3/26	65	21.4	13.6	18.0*
Kelly Ranger Station	10G12	8200	4/3	68	27.4	17.3	18.6*
Monte Cristo R.S.	11H12	8960	3/25	73	29.4	23.4	27.4
Piney LaBarge x	10G10	8820	3/29	72	28.1	22.8	21.0
Poison Meadows x	10G6	8500	3/29	109	42.0	25.5	29.7
Salt River Summit x	10G8	7900	3/30	56	19.6	16.6	16.0
Stillwater Camp	10J17	8550	3/26	50	15.8	10.1	12.5*
Trial Lake x	10J8	9800	3/30	98	36.0	19.5	28.0

LOWER BEAR RIVER

(Below Harer, Idaho)

Beaver Crk-Skunk Crk.	11H14	7150	3/25	37	12.9	13.0	13.2*
Christensen Ranch	11G11	5600	3/30	22	7.3	10.6	8.6*
Cub River R. S.	11G12	5400	4/2	11	4.0	11.4	7.6*
Dry Bread Pond x	11H13	8230	3/25	51	19.0	16.6	19.6
Dry Creek Flat	12G4	6350	4/1	7	3.2	10.1	4.1*
Emigration Canyon	11G7	6500	3/30	34	12.2	12.2	10.5*
Emigrant Summit	11G6	7700	3/30	81	33.7	23.8	24.9
Franklin Basin	11G8	8200	3/31	91	39.4	25.2	29.1
Garden City Summit	11H7	7600	3/31	68	25.8	16.0	20.2
Klondike Narrows	11H1	7400	3/31	71	28.9	19.6	21.5*
Little Bear (lower)	11H26	6100	3/24	21	7.1	10.6	9.1*
Little Bear (upper)	11H25	6850	3/24	31	10.8	12.0	12.5*
Monte Cristo R.S.	11H12	8960	3/25	73	29.4	23.4	27.4
Oxford Mountain	12G3	6800	4/1	28	11.0	11.1	8.2*
Slug Creek Divide	11G5	7225	4/1	55	21.8	16.1	16.2
Steep Hollow #1	11H27	8500	3/31	120	52.3	32.8	37.0*
Steep Hollow #2	11H28	7700	3/31	90	38.2	25.6	28.0*
Strawberry Creek	11G9	5800	3/30	33	12.0	13.1	12.1*
Strawberry Mink Divide	11G10	6800	3/30	68	27.7	21.4	22.6*
Tony Grove R.S.	11H3	6250	3/31	38	13.8	12.2	11.0
Willow Flat	11G4	6100	4/2	37	15.7	18.1	15.2*

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	3/25	37	12.9	13.0	13.2*
Ben Lomond (lower)	11H9	5850	3/24	37	14.0	17.2	16.0*
Ben Lomond Peak	11H8	8000	3/24	90	37.5	30.3	36.0*
Ben Lomond Trail	11H30	6000	3/24	40	14.9	17.7	- -
Cutler Creek	11H29	6780	3/24	72	29.8	26.2	- -

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

OGDEN RIVER - Continued

Dry Bread Pond	11H13	8230	3/25	51	19.0	16.6	19.6
Horse Ridge	11H21	8260	4/1	69	27.8	19.0	- -
Monte Cristo R.S.	11H12	8960	3/25	73	29.4	23.4	27.4
Sagebrush Flat	11H15	6300	3/25	3	1.0	8.8	2.3*

WEBER RIVER

Beaver Creek R. S.	11J24	7500	3/30	32	11.9	8.6	9.2
Chalk Creek #1	11J1	9100	3/29	87	31.5	19.2	25.1*
Chalk Creek #2	11J2	8000	3/29	61	20.4	14.0	16.0*
Chalk Creek #3	11J3	7500	3/29	34	10.8	9.6	7.9*
Farmington Canyon(lower)	11J12	6950	3/30	65	25.5	21.3	25.4*
Farmington Canyon(upper)	11J11	8000	3/30	97	39.3	23.8	29.4*
Horse Ridge	11H21	8260	4/1	69	27.8	19.0	- -
Kilfore Creek	11H31	7300	4/1	47	16.5	11.9	- -
Lamb's Canyon x	11J14	6600	3/30	54	19.0	15.0	15.8
Lost Creek Reservoir	11H32	6125	4/1	Trace	Trace	5.2	- -
Parley's Canyon Smt.	11J15	7500	3/27	65	25.3	18.6	19.6
Redden Mine(lower)	11J6	8500	3/31	60	22.6	15.0	20.4
Redden Mine(upper)	11J5	9000	3/31	65	25.5	16.8	21.7
Silver Lake x	11J16	8725	3/26	74	27.3	21.2	27.4
Smith & Morehouse	11J4	7600	4/1	46	17.2	12.2	13.8
Trial Lake x	10J8	9800	3/30	98	36.0	19.5	28.0

PROVO RIVER & UTAH LAKE

Camp Altamont	11J20	7300	3/30	41	14.6	10.6	17.6
Clear Creek Ridge #1	11K21	9200	3/26	66	23.7	15.3	19.2*
Clear Creek Ridge #2	11K22	8000	3/26	56	17.8	11.8	14.1*
Clear Creek Ridge #3	11K23	6600	3/26	25	8.9	6.4	6.2*
Daniels-Strawberry Smt.	11J23	8000	3/30	50	17.2	12.0	16.3
Dutchman R.S.	11J17	7500	3/30	48	18.0	12.3	20.0
East Portal	11J7	7560	3/30	45	14.4	10.4	12.8
Hobble Creek Summit	11J22	7300	3/29	49	16.0	14.3	14.7
Packard Canyon	11J31	6400	3/29	34	11.7	10.7	10.5*
Payson R.S.	11K1	8050	3/27	58	19.5	16.8	19.1
Rock Bridge	11K2	6750	3/27	35	12.3	15.1	13.2*
Soapstone R.S.	11J25	7800	3/30	55	19.7	10.9	13.6
South Fork R.S.	11J19	6100	3/30	7	3.4	5.3	5.2
Strawberry Divide	11J8	8000	3/30	69	25.0	17.8	21.5
Timpanogos Cave Camp	11J18	5500	3/30	0	0.0	5.3	2.2
Timpanogos Divide	11J21	8140	3/30	69	26.2	16.8	26.6
Trial Lake	10J8	9800	3/30	98	36.0	19.5	28.0

JORDAN RIVER & TOOELE VALLEY

Bevan's Cabin	12J2	6450	3/25	38	12.4	14.0	11.3*
Lamb's Canyon	11J14	6600	3/30	54	19.0	15.0	15.8
Middle Canyon - Tooele	12J3	7000	3/25	43	15.1	17.6	14.8*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

JORDAN RIVER & TOOELE VALLEY - Continued

Mill D South Fork	11J10	7400	3/26	68	24.7	18.8	21.4
Parley's Canyon Smt. x	11J15	7500	3/27	65	25.3	18.6	19.6
Rocky Basin-Settlement Cyn.	12J1	8900	3/25	80	28.7	22.6	27.0*
Silver Lake	11J16	8725	3/26	74	27.3	21.2	27.4

UPPER SEVIER RIVER
(South of Richfield, Utah)

Big Flat x	12L7	10290	3/26	67	18.7	9.6	19.7
Box Creek	12L4	9800	3/29	52	15.7	10.0	13.2*
Bryce Canyon	12M8	8000	3/30	17	4.2	2.4	3.8
Castle Valley	12M13	9700	4/1	40	12.2	10.0	14.5*
Cedar Breaks	12M1	10390	3/26	68	20.9	10.7	22.7
Duck Creek R.S.	12M4	8560	3/30	42	13.0	8.2	15.2
Fish Lake	11L3	8700	3/31	32	9.7	3.8	8.3
Harris Flat R.S.	12M5	7700	3/30	24	8.8	5.0	7.9
Kimberly Mine	12L6	8900	3/26	53	16.4	15.1	16.3
Long Valley Jct. x	12M6	7500	3/30	0	0.0	1.4	2.7
Midway Valley	12M2	9800	3/29	66	19.8	13.0	23.7*
Panguitch Lake	12M7	8200	4/1	10	2.4	2.0	4.2
Squaw Springs	12L5	9300	3/29	34	8.3	5.5	7.4*
Widtsøe-Escalante Smt.	11M1	9500	3/25	26	6.7	4.9	7.4
Widtsøe-Escalante #2	11M2	9500	3/25	34	7.8	5.8	10.8*
Widtsøe-Escalante #3	11M3	9500	3/25	37	8.6	6.8	13.5*

LOWER SEVIER RIVER
(Including San Pitch River)

Bear Canyon	12L3	7200	3/30	34	10.6	9.8	10.3*
Beaver Dams	11K13	8000	3/26	43	13.3	10.4	13.2*
Farnsworth Lake	11L1	9900	3/30	73	25.6	17.9	18.6*
G.B.R.C. Headquarters	11K11	8700	3/31	61	21.3	13.1	18.1
G.B.R.C. Meadows	11K10	10000	3/31	85	31.9	19.3	26.9
Gooseberry R.S.	11L2	8400	3/30	51	16.9	13.5	11.7
Gooseberry Reservoir x	11K4	8700	3/29	63	22.5	16.1	20.8
Huntington-Horseshoe	11K5	9800	3/29	72	27.4	20.0	25.3
Mammoth R.S.-Ctnwood Crk.	11K3	8800	3/29	66	23.0	17.2	21.6
Middle Fork	11K34	9600	3/25	72	25.8	17.4	25.1*
Mt. Baldy R.S.	11K12	9500	3/26	80	26.7	14.9	24.5*
Pickle Keg Springs	11K39	9600	4/1	49	18.3	14.5	- -
Pine Creek	12L1	8700	3/29	50	17.7	14.3	16.5
Rees's Flat	11K36	7300	3/24	46	15.1	10.9	12.9*
Salina Creek(lower)	11L8	7250	4/1	6	2.2	3.8	- -
Shingle Mill	12L11	6200	3/30	24	8.6	10.4	10.2*
Thistle Flat	11K35	8500	3/25	55	18.5	13.7	17.3*
White Gate	11L7	9350	4/1	36	13.4	10.4	- -

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

BEAVER RIVER

Big Flat	12L7	10000	3/26	67	18.7	9.6	19.7
Merchant's Valley	12L9	8200	3/26	32	9.4	4.6	10.8
Otter Lake	12L8	9300	3/26	58	16.2	8.7	16.2

PAROWAN CREEK

Ed Ward Flat	12M12	8300	3/31	40	11.8	8.2	7.7
Yankee Reservoir	12M11	8700	3/31	49	14.6	10.1	10.3

COAL CREEK

Cedar Breaks	12M1	10390	3/26	68	20.9	10.7	22.7
Midway Valley x	12M2	9800	3/29	66	19.8	13.0	23.7*
Urie Flat	12M10	8450	3/29	26	8.1	5.8	6.2*
Webster Flat	12M3	9200	3/29	50	14.2	11.2	16.8

ENTERPRISE TO NEW HARMONY DRAINAGES

Little Grassy Creek	13M4	6100	3/31	0	0.0	0.0	0.6*
Long Flat	13M2	8000	4/1	24	7.9	5.2	5.4*

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH

(Tributaries above Flaming Gorge)

Black's Fork Jct.	10J22	8925	3/24	52	15.5	8.1	- -
Buck Pasture A	10J23	9700	Delayed Report			11.5A	- -
E.Fk. Black's Fk. G.S.	10J21	9300	3/24	48	14.8	9.2	- -
Henry's Fork A	10J24	10200	Delayed Report			14.5A	- -
Hewinta Guard Station	10J4	9500	3/23	43	13.2	8.3	10.6
Hickerson Park	9J8	9100	3/25	27	7.4	6.3	- -
Hole-in-the-Rock	10J1	9150	3/25	25	6.0	6.4	6.9
Hole-in-the-Rock G.S.	10J3	8300	3/25	12	3.5	2.6	2.1*
Middle Beaver Creek	10J2	8550	3/25	29	6.6	6.1	6.0*
Spirit Lake	9J7	10300	3/25	46	12.9	12.7	- -
Steel Creek Park	10J20	9900	3/23	66	21.8	13.2	- -

GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER

Ashley Twin Lakes A	9J11	10500	Delayed Report			12.0A	- -
King's Cabin(lower)	9J2	8600	3/24	30	8.5	5.0	10.1
King's Cabin(upper)	9J1	8730	3/24	35	9.1	6.2	11.6
Reynolds Park A	9J10	10400	Delayed Report			- -	- -
Windy Park A	9J12	9400	Delayed Report			11.0A	- -

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

DUCHESNE RIVER

Atwood Basin A	10J27	10250		Delayed Report		10.5A	- -
Brown Duck Lake	10J9	10300	3/30	60	20.2	- -	18.6
Chepeta-Whiterocks Lks.A	9J9	10300		Delayed Report		6.0A	- -
Currant Creek	11J32	7800	3/31	34	11.3	7.0	9.5*
Daniels-Strawberry Smt.x	11J23	8000	3/30	50	17.2	12.0	16.3
East Portal x	11J7	7560	3/30	45	14.4	10.4	12.8
Five Point Lake A	10J26	11000		Delayed Report		12.5A	- -
Indian Canyon	10K1	9100	3/30	60	19.2	7.3	13.1
Jackson Park	10J19	11300	3/22	42	13.4	8.0	14.3*
Julius Park	9J6	9800	3/26	43	11.4	8.8	15.9*
Lakefork Basin A	10J25	11100		Delayed Report		17.0A	- -
Lakefork Mountain	10J10	10500	3/29	49	13.9	8.1	12.8
Lakefork Mountain #2	10J11	8900	3/29	35	9.5	4.1	8.4*
Lakefork Mountain #3	10J12	8100	3/29	30	8.3	2.5	6.3*
Mosby Mountain	9J5	9500	3/26	36	9.9	5.0	11.7
Paradise Park	9J3	10100	3/26	40	10.8	5.8	13.6
Rock Creek	10J18	7900	4/1	22	7.5	4.2	6.6*
Soapstone R.S. x	11J25	7800	3/30	55	19.7	10.9	13.6
Trial Lake x	10J8	9800	3/30	98	36.0	19.5	28.0
White River #1 x	10K2	8600	3/31	53	19.2	10.0	14.3*

PRICE RIVER

Corral	10K5	8200	4/1	38	12.7	3.0	7.9*
Dry Valley Divide	11K8	7800	3/30	45	14.2	8.0	11.7
Gooseberry Reservoir	11K4	8700	3/29	63	22.5	16.1	20.8
Grassy Trail Crk-Left Fk.	10K3	7970	4/1	38	12.0	3.9	9.7*
Huntington-Horseshoe	11K5	9800	3/29	72	27.4	20.0	25.3
Indian Canyon x	10K1	9100	3/30	60	19.2	7.3	13.1
Jones Ranch	11K7	7600	3/30	31	10.0	5.8	6.9
Mammoth R.S.-Ctnwd.Crk. x	11K3	8800	3/29	66	23.0	17.2	21.6
Mud Creek #2	11K33	8300	3/30	61	20.4	10.8	13.5*
Timberline	10K6	9100	4/1	54	19.1	6.3	14.5*
White River #1	10K2	8600	3/31	53	19.2	10.0	14.3*
White River #2	11K24	7600	3/31	35	11.7	6.2	8.7*
White River #3	11K25	7400	3/31	30	11.0	6.9	8.4*

SAN RAFAEL RIVER

Buck Flat	11K31	9400	3/26	74	21.4	9.9	17.0*
Gooseberry Reservoir x	11K4	8700	3/29	63	22.5	16.1	20.8
Huntington-Horseshoe	11K5	9800	3/29	72	27.4	20.0	25.3
Mammoth R.S.-Ctnwd Crk.x	11K3	8800	3/29	66	23.0	17.2	21.6
Red Pine Ridge	11K28	9400	3/29	72	25.4	13.1	18.0*
Rush Pond	11K38	9800	3/26	72	19.5	7.8	14.7*
Seely Creek R.S.	11K9	10000	3/31	58	21.3	10.9	16.7

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.

SNOW			CURRENT INFORMATION			PAST RECORD	
DRAINAGE BASIN and SNOW COURSE			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

SAN RAFAEL RIVER - Continued

Stuart R.S.	11K27	7950	3/30	43	13.8	5.1	8.1*
Switchback	11K26	8600	3/30	60	20.2	12.6	17.3*
Upper Joe's Valley	11K29	8800	3/29	49	15.8	5.8	10.1*
Wrigley Creek	11K32	9000	3/26	58	14.4	6.1	11.1*

MUDDY RIVER

Black's Fork	11K14	9200	3/22	45	15.7	5.8	15.9
Dill's Camp	11K15	9200	3/22	42	14.4	4.9	13.8
Mt. Baldy R.S.	11K12	9500	3/26	80	26.7	14.9	24.5*

FREMONT RIVER

Black's Flat-UM Creek	11L4	9250	3/31	44	14.0	6.4	10.1*
Donkey Reservoir	11L5	9800	3/30	35	9.0	4.4	8.9*
Farnsworth Lake x	11L1	9900	3/30	73	25.6	17.9	18.6*
Fish Lake	11L3	8700	3/31	32	9.7	3.8	8.3
Johnson Valley	11L6	8850	3/31	34	10.0	4.8	9.4*

ESCALANTE RIVER

Widtsoe-Escalante Smt.	11M1	9500	3/25	26	6.7	4.9	7.4
Widtsoe-Escalante #2	11M2	9500	3/25	34	7.8	5.8	10.8*
Widtsoe-Escalante #3	11M3	9500	3/25	37	8.6	6.8	13.5*

VIRGIN RIVER

Cedar Breaks x	12M1	10390	3/26	68	20.9	10.7	22.7
Duck Creek R.S.	12M4	8560	3/30	42	13.0	8.2	15.2
Harris Flat R.S.	12M5	7700	3/30	24	8.8	5.0	7.9
Long Valley Jct.	12M6	7500	3/30	0	0.0	1.4	2.7
Midway Valley x	12M2	9800	3/29	66	19.8	13.0	23.7*
Webster Flat	12M3	9200	3/29	50	14.2	11.2	16.8

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9M1	9000	3/24	46	14.3	7.6	14.4
Camp Jackson	9M2	8600	3/24	44	13.2	4.9	12.8*
LaSal Mountain	9L1	8800	3/25	44	10.9	5.0	11.2
LaSal Mountain(upper)	9L2	9600	3/25	63	17.7	9.8	18.7*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation; Water content estimated. * Estimated 1948-62, 15 year average.



PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (Above Harer, Idaho)

Chalk Creek #2*	8000	3/29	2.43	3.05	20.12	16.80	120
Chalk Creek #3*	7500	3/29	2.15	- -	16.83	- -	- -
Hayden Fork	9300	3/26	- -	- -	22.89	- -	- -
Monte Cristo #2	8960	3/25	1.42	5.20	29.82	28.50	105
Salt River Summit	7900	3/30	1.55	3.40	22.80	18.00	127
Stillwater Camp	8550	3/26	- -	- -	14.83	13.00	114
Trial Lake *	9800	3/30	3.69	4.35	30.03	23.80	126

LOWER BEAR RIVER (Below Harer, Idaho)

Dry Bread Pond	8230	3/25	1.00	4.15	25.51	22.00	116
Garden City Summit	7600	3/31	2.84	3.70	28.22	19.20	147
Klondike Narrows	7400	3/31	2.45	4.25	34.14	23.45	146
Little Bear (upper)	6850	3/24	0.68	3.70	22.27	19.50	114
Monte Cristo #2	8960	3/25	1.42	5.20	29.82	28.50	105
Tony Grove R.S.(SCS)	6250	3/31	1.78	- -	26.86	- -	- -
Willow Flat	6100	4/2	2.00	4.25	- -	23.75	- -

OGDEN RIVER

Ben Lomond(lower)	5850	3/24	0.43	4.85	29.31	26.00	113
Ben Lomond Trail	6000	3/24	0.70	5.15	30.77	27.30	113
Causey Dam	5500	3/25	0.21	- -	15.29	- -	- -
Dry Bread Pond	8230	3/25	1.00	4.15	25.51	22.00	116
Horse Ridge	8260	4/1	3.86	- -	31.89	- -	- -
Monte Cristo #2*	8960	3/25	1.42	5.20	29.82	28.50	105
Sagebrush Flat	6300	3/25	0.29	2.80	17.13	14.60	117

WEBER RIVER

Chalk Creek #1	9100	3/29	3.44	- -	- -	- -	- -
Chalk Creek #2	8000	3/29	2.43	3.05	20.12	16.80	120
Chalk Creek #3	7500	3/29	2.15	- -	16.83	- -	- -
Farmington Guard Sta.(1)	7500	3/29	1.87	6.05	32.25	29.85	108
Farmington Rice (1)	7000	3/29	1.28	5.57a	28.80	27.31a	105
Horse Ridge	8260	4/1	3.86	- -	31.89	- -	- -
Lost Creek Reservoir	6125	4/1	1.39	- -	14.05	- -	- -
Mt. Dell Dam (2)*	5500	3/31	0.73	2.64a	18.96	13.31a	142
Parley's Canyon Smt.	7500	3/27	1.77	3.95	27.27	21.50	127
Redden Mine (upper)	9000	3/31	3.10	- -	- -	- -	- -
Silver Lake(Brighton)(2)*	8725	3/31	2.50	5.89a	32.32	29.31a	110
Smith & Morehouse	7600	4/1	2.45	3.55	22.34	18.50	121
Trial Lake *	9800	3/30	3.69	4.35	30.03	23.80	126

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PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
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PROVO RIVER & UTAH LAKE

Clear Creek Ridge #2	8000	3/26	1.75	2.90	18.51	16.50	112
Daniels-Strawberry Smt.	8000	3/30	2.70	4.00	21.62	18.80	115
Dutchman R.S.	7500	3/30	1.65	5.24	24.37	26.75	91
East Portal Ridge	7800	3/30	3.40	- -	20.76	- -	- -
Hobble Creek Smt.	7300	3/29	2.68	3.15	19.68	17.80	110
Payson R.S.	8050	3/27	2.42	2.95	20.84	17.60	118
Soapstone R.S.	7800	3/30	2.23	3.25	20.56	16.50	125
Strawberry Res.-E.Portal	7606	3/30	1.90	1.83a	12.00	10.59a	113
Timpanogos Divide	8200	3/30	2.20	5.24a	25.58	26.75a	96
Trial Lake	9800	3/30	3.69	4.35	30.03	23.80	126

JORDAN RIVER & TOOELE VALLEY

Middle Canyon	7000	3/25	1.35	3.20	21.08	16.80	125
Mt. Dell Dam (2)	5500	3/31	0.73	2.64a	18.96	13.31a	142
Parley's Canyon Smt.	7500	3/27	1.77	3.95	27.27	21.50	127
Silver Lake(Brighton)(2)	8725	3/31	2.50	5.89a	32.32	29.31a	110

SEVIER RIVER ABOVE RICHFIELD

Big Flat *	10290	3/26	4.40	3.85	17.11	18.70	91
Box Creek	9800	3/29	2.71	2.95	15.43	13.50	114
Castle Valley	9700	4/1	3.07	3.20	13.91	16.80	83
Cedar Breaks	10390	3/26	3.71	4.20	17.07	22.00	78
Duck Creek R.S.	8560	3/30	3.61	3.75	15.47	19.50	79
Fish Lake	8700	3/31	1.80	1.43	10.28	7.43	138
Kimberly Mine	8900	3/26	2.43	4.05	18.11	18.55	98
Panguitch Lake	8200	4/1	1.84	1.45	- -	7.55	- -
Webster Flat *	9200	3/29	4.38	4.05	18.17	21.05	86
Widtsoe-Escalante #3	9500	3/25	2.59	2.45	10.41	12.80	81
Widtsoe R.S.	7600	3/25	1.08	0.97a	3.70	5.23a	71

SEVIER RIVER BELOW RICHFIELD

(Including San Pitch River)

Beaver Dams	8000	3/26	1.40	3.16	15.57	15.20	102
Farnsworth Lake	9900	3/30	5.00	4.10	24.65	19.15	129
G.B.R.C. Headquarters(1)	8700	3/31	3.72	4.14a	21.50	19.04a	113
G.B.R.C. Meadows(1)	10000	3/31	4.62	4.81a	25.38	21.27a	119
G.B.R.C. Oaks (1)	7655	3/31	2.34	2.90a	14.33	13.28a	108
Gooseberry R.S. (1)	7800	3/30	3.22	2.90	17.97	13.25	136
Gooseberry Reservoir*	8700	3/29	2.98	3.45	21.34	18.80	114
Mammoth R.S. #2*	8600	3/29	3.43	3.60	22.79	18.70	122
Mt. Baldy	9500	3/26	1.71	- -	19.06	- -	- -
Pickle Keg Springs	9600	4/1	- -	- -	16.42	- -	- -
Pine Creek	8700	3/29	3.32	4.85	22.82	23.70	96
Salina Creek (lower)	7250	4/1	- -	- -	9.05	- -	- -
Shingle Mill	6200	3/30	2.50	3.55	15.56	15.35	101
White Gate	9350	4/1	- -	- -	11.36	- -	- -

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BEAVER RIVER

Beaver Canyon P.H. (2)	7275	3/31	2.25	2.45a	8.11	10.34a	78
Big Flat	10290	3/26	4.40	3.85	17.11	18.70	91

PAROWAN CREEK

Yankee Reservoir	8700	3/31	3.71	2.30	14.54	11.95	122
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COAL CREEK

Cedar Breaks	10390	3/26	3.71	4.20	17.07	22.00	78
Webster Flat*	9200	3/29	4.38	4.05	18.17	21.05	86

ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	3/31	3.45	2.30	10.07	11.90	85
Long Flat	8000	4/1	2.70	2.70	12.75	14.00	91

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH

(Tributaries above Flaming Gorge)

Black's Fork Jct.	8925	3/24	1.65	- -	16.45	- -	- -
Burnt Creek	7900	3/29	1.85	- -	9.72	- -	- -
E.Fk. Black's Fk. G.S.	9300	3/24	1.82	- -	14.37	- -	- -
Hewinta G.S.	9500	3/23	1.40	- -	15.15	- -	- -
Spirit Lake	10300	3/25	1.43	- -	13.73	- -	- -

GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER

Grizzly Ridge	8500	3/29	2.31	- -	11.85	- -	- -
King's Cabin(upper)	8730	3/24	0.68	2.00	9.02	12.75	71

DUCHESNE RIVER

Brown Duck Ridge	10800	No Report	- -	- -	- -	- -	- -
Currant Creek	7800	3/31	- -	- -	14.86	13.30	112
Daniels-Strawberry Smt.*	8000	3/30	2.70	4.00	21.62	18.80	115
East Portal Ridge*	7800	3/30	3.40	- -	20.76	- -	- -
Indian Canyon	9100	3/30	2.90	2.50	17.34	15.20	114
Jackson Park	10650	3/22	- -	- -	12.95	- -	- -
Julius Park	9800	3/26	0.92	2.75	10.94	14.90	73
Lakefork Mountain	10500	3/29	1.54	2.45	14.36	14.10	102
Moon Lake	8150	4/3	1.10	1.18a	8.75	8.29a	106
Mosby Mountain	9500	3/26	0.84	- -	9.84	- -	- -
Paradise Park	10100	3/26	0.90	2.85	11.88	16.00	74
Rock Creek	7900	4/1	- -	- -	13.10	12.15	108
Soapstone R.S.*	7800	3/30	2.23	3.25	20.56	16.50	125

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DUCHESNE RIVER - Continued

Strawberry Res.-E.Portals*	7606	3/30	1.90	1.83a	12.00	10.59a	113
Trial Lake*	9800	3/30	3.69	4.35	30.03	23.80	126
White River #1*	8600	3/31	2.60	2.65	16.70	16.00	104

PRICE RIVER

Clear Creek Ridge #2*	8000	3/26	1.75	2.90	18.51	16.50	112
Gooseberry Reservoir	8700	3/29	2.98	3.45	21.34	18.80	114
Indian Canyon	9100	3/30	2.90	2.50	17.34	15.20	114
Mammoth R.S. #2	8600	3/29	3.43	3.60	22.79	18.70	122
Mud Creek	8300	3/30	4.15	2.60	20.90	15.50	135
White River #1	8600	3/31	2.60	2.65	16.70	16.00	104

SAN RAFAEL RIVER

Buck Flat	9400	3/26	2.55	3.60	21.30	17.15	124
G.B.R.C. Meadows *(1)	10000	3/31	4.62	4.81a	25.38	21.27a	119
Gooseberry Reservoir*	8700	3/29	2.98	3.45	21.34	18.80	114
Red Pine Ridge	9400	3/29	4.25	4.30	26.10	20.70	126
Stuart R.S.	7950	3/30	- -	- -	17.15	12.90	133

MUDDY RIVER

Mt. Baldy R.S.*	9500	3/26	1.71	- -	19.06	- -	- -
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FREMONT & ESCALANTE RIVERS

Black's Flat-U.M. Creek	9250	3/31	2.57	2.45	14.60	12.00	122
Farnsworth Lake*	9900	3/30	5.00	4.10	24.65	19.15	129
Fish Lake	8700	3/31	1.80	1.43	10.28	7.43	138
Widtsoe-Escalante #3	9500	3/25	2.59	2.45	10.41	12.80	81

VIRGIN RIVER

Duck Creek R.S.	8560	3/30	3.61	3.75	15.47	19.50	79
Webster Flat	9200	3/29	4.38	4.05	18.17	21.05	86

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9000	3/24	2.20	3.95	15.55	21.20	73
Camp Jackson	8600	3/24	1.75	3.15	12.80	16.75	76
LaSal Mountain(upper)	9600	3/25	3.85	3.25	16.00	19.65	81

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Agencies Cooperating in Utah Snow Surveys

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Soil Conservation Service
Forest Service
U.S. Department of Commerce
Weather Bureau
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

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Utah Agricultural Experiment Station
Utah Fish and Game Department
Utah State Engineer
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner
Utah Water and Power Board

MUNICIPALITIES

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ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
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Sevier River Water Users Association

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